

**CROSS-LINKED HYALURONIC ACID-LAMININ GELS AND
USE THEREOF IN CELL CULTURE AND MEDICAL IMPLANTS**

5

Abstract

10 The present invention concerns universal biocompatible matrices comprising cross-linked hyaluronic acid-laminin gels useful for clinical applications including as implants, for tissue engineering as well as in biotechnology. The gel matrices according to the present invention may be used clinically either per se or as a cell bearing implant, e.g. stem cells or endothelial cells, containing bioactive molecules or drugs. The gels are particularly useful for use for transplantation or as a coating or a scaffold for use on medical devices including stents.

15